

FIG. 76

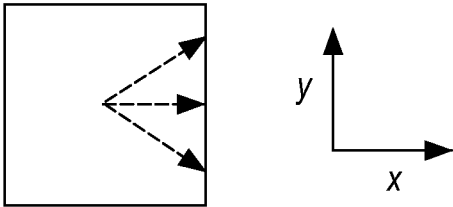


FIG. 77

2/14

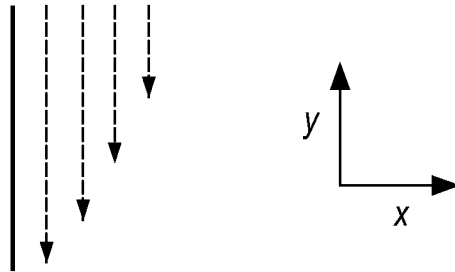


FIG. 78A

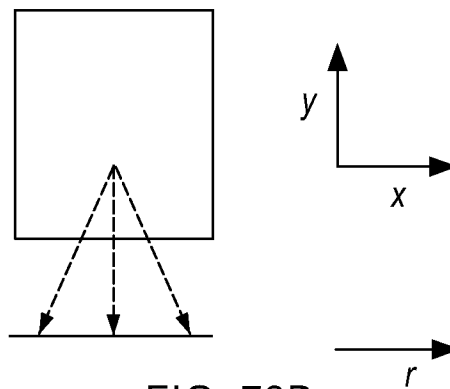


FIG. 78B

3/14

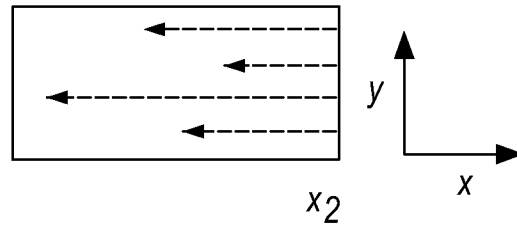


FIG. 79

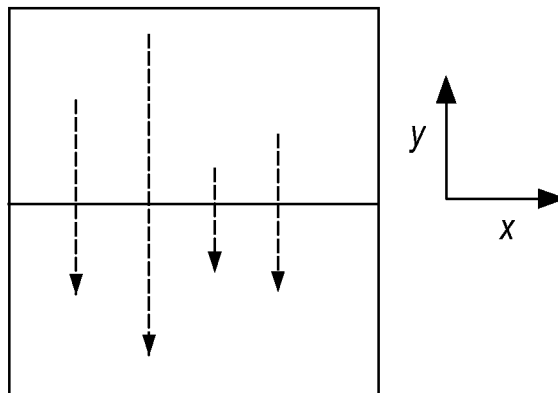
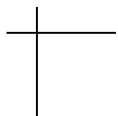


FIG. 80A



4/14

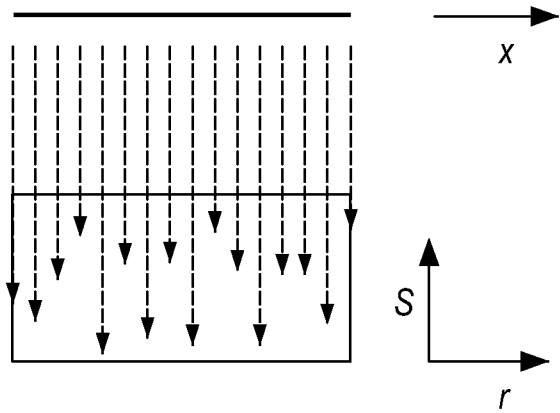


FIG. 80B

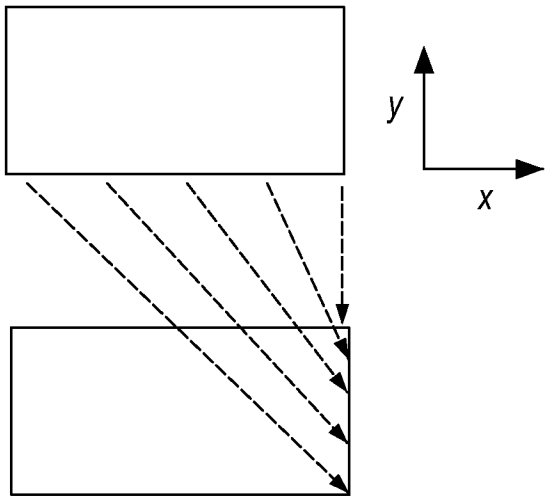
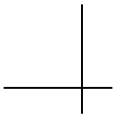
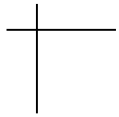


FIG. 80C





5/14

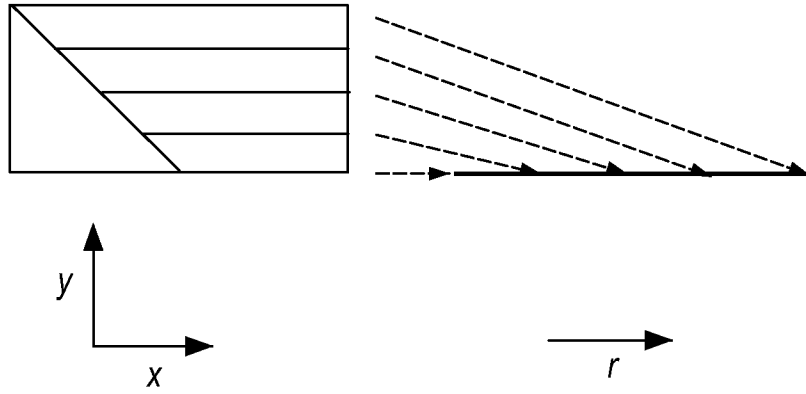


FIG. 81A

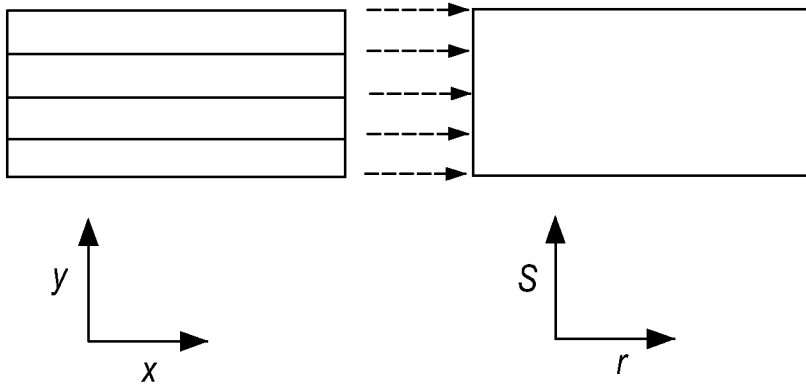


FIG. 81B

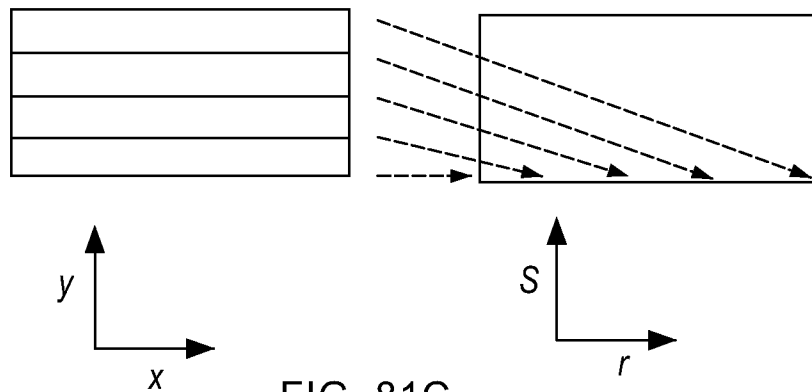
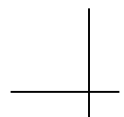


FIG. 81C



6/14

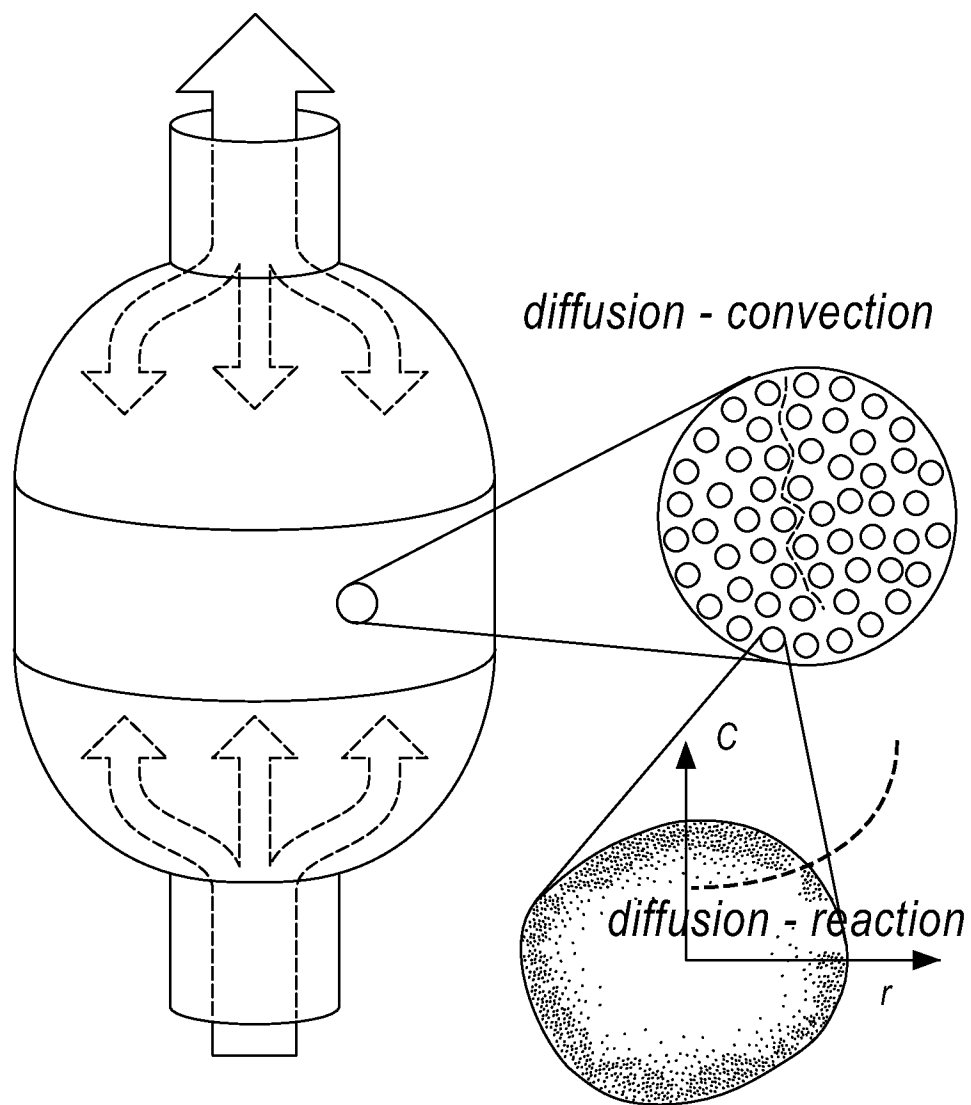


FIG. 82

7/14

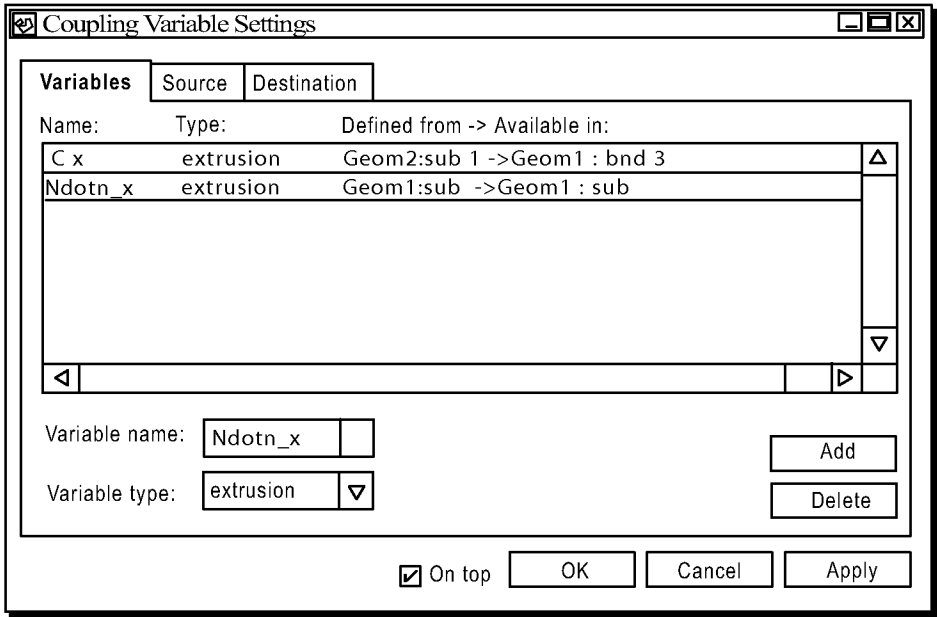


FIG. 83

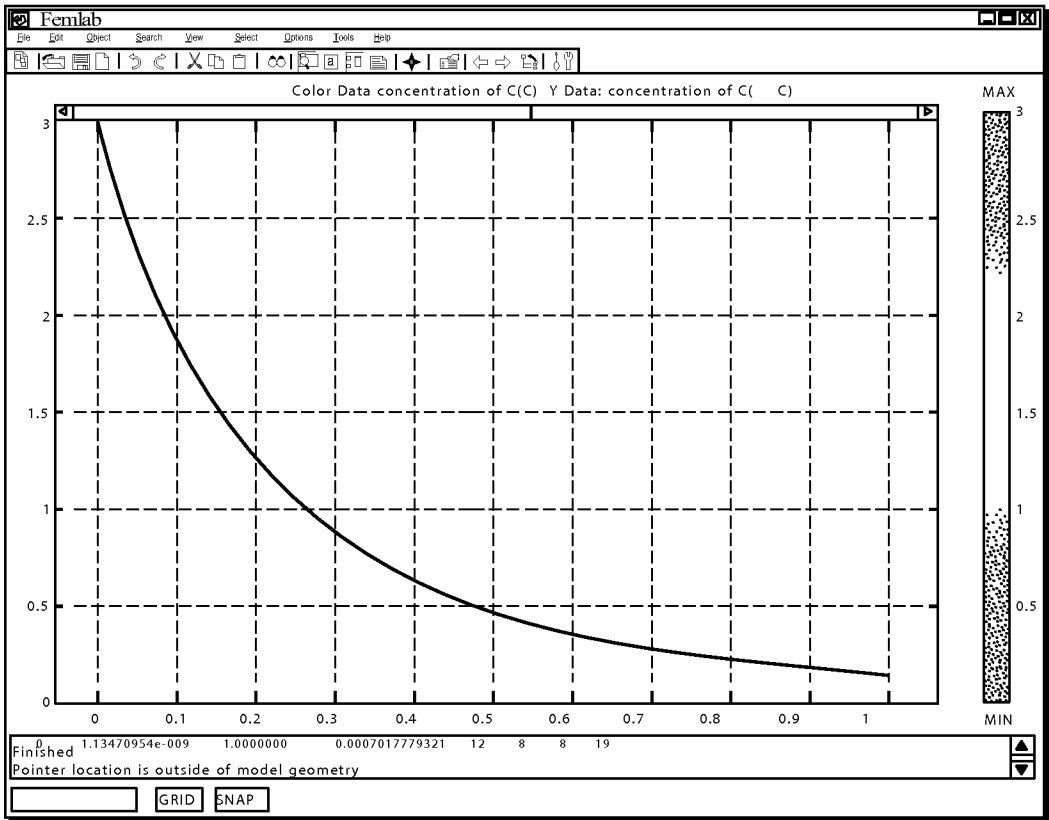


FIG. 84

8/14

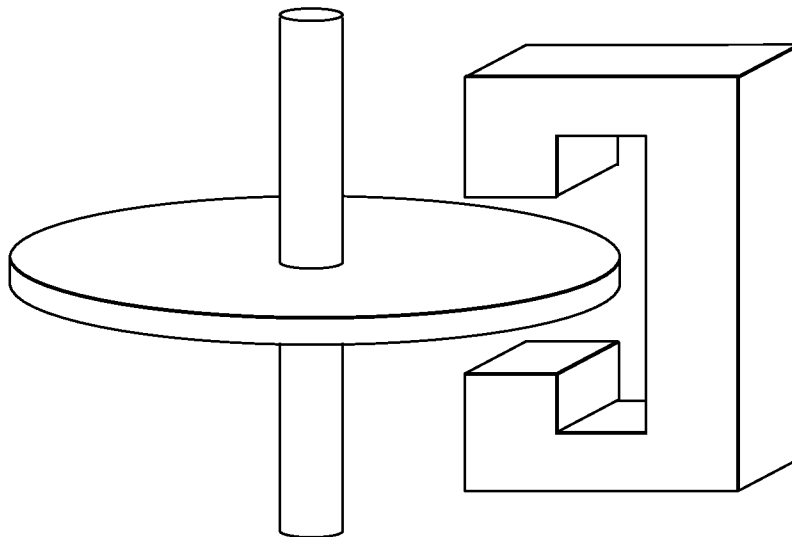
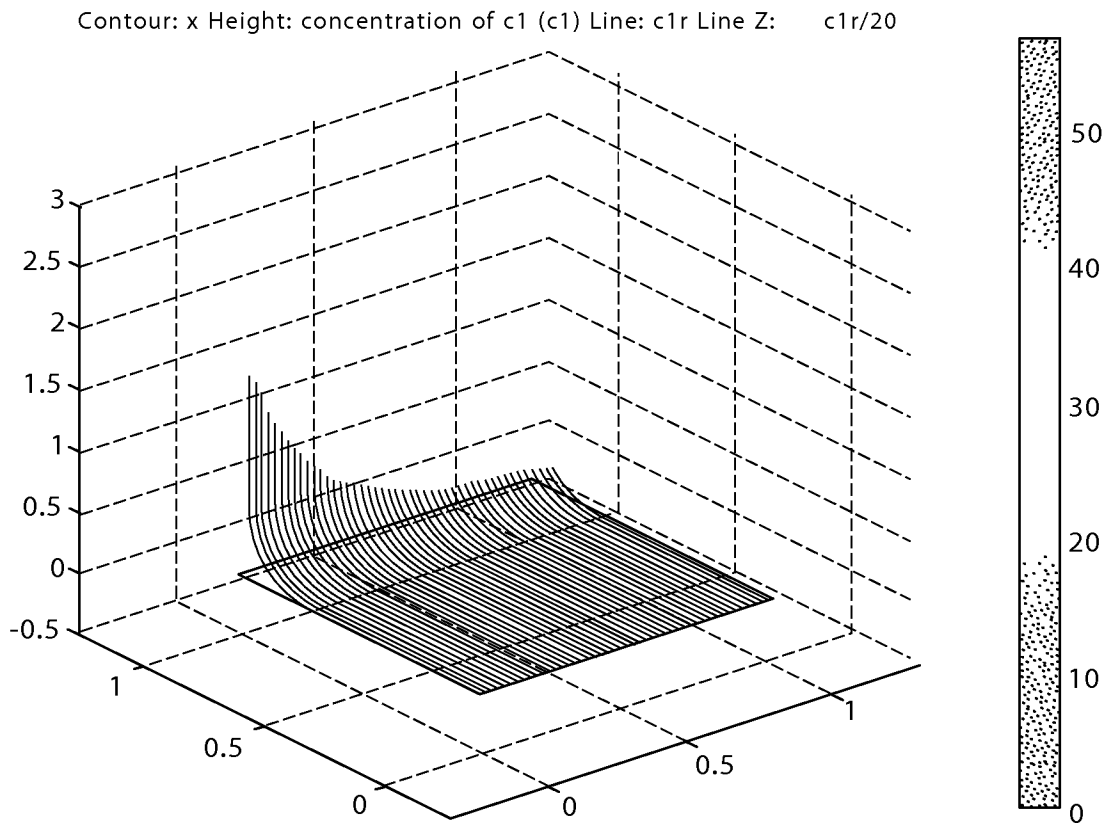


FIG. 86

9/14

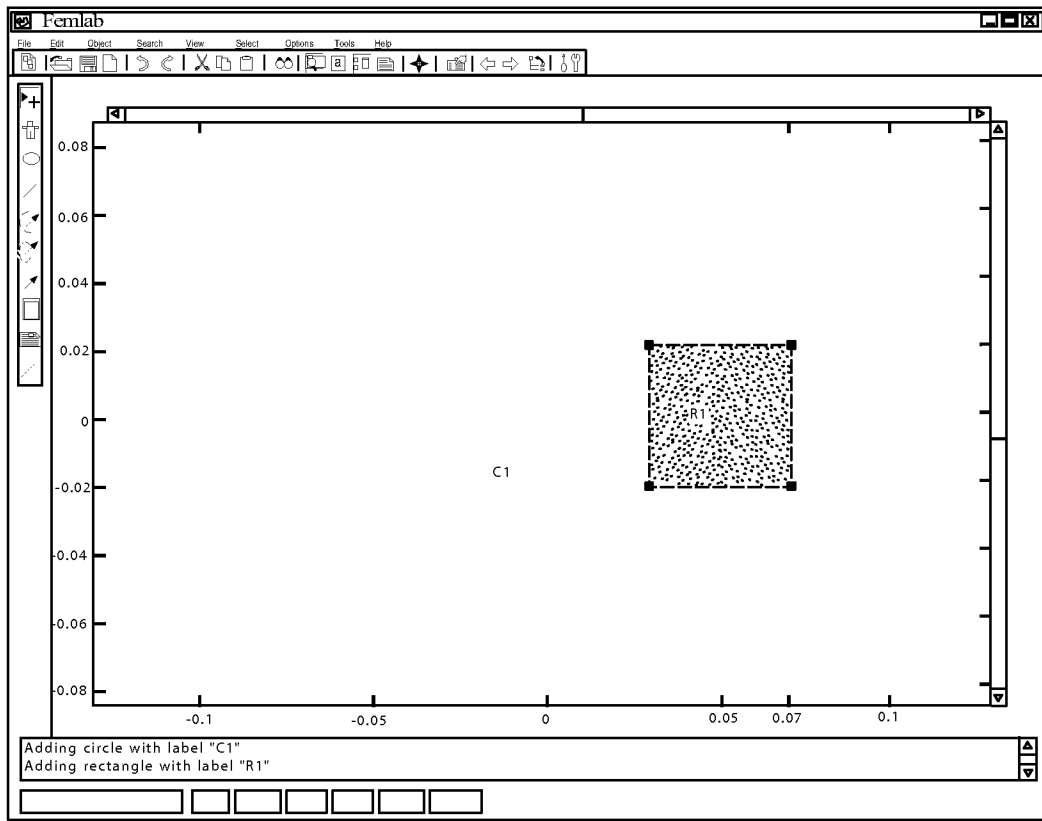


FIG. 87

The image shows the "Expression Variable Settings" dialog box. It has two tabs: "Variables" and "Definition". The "Variables" tab is active. The dialog contains a table with the following data:

Name:	Type:	Defined in:
B0	subdomain	Geom1: sub

Below the table, there are input fields for "Variable name:" (containing "B0") and "Variable type:" (containing "subdomain"). To the right of these fields are "Add" and "Delete" buttons. At the bottom of the dialog, there is a checkbox labeled "On top" which is checked, and three buttons: "OK", "Cancel", and "Apply".

FIG. 88

10/14

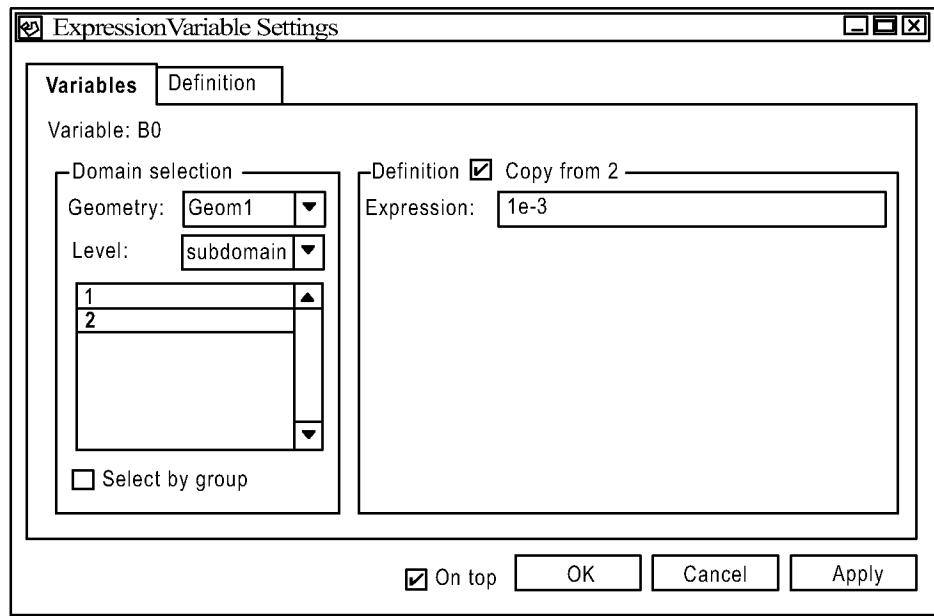


FIG. 89

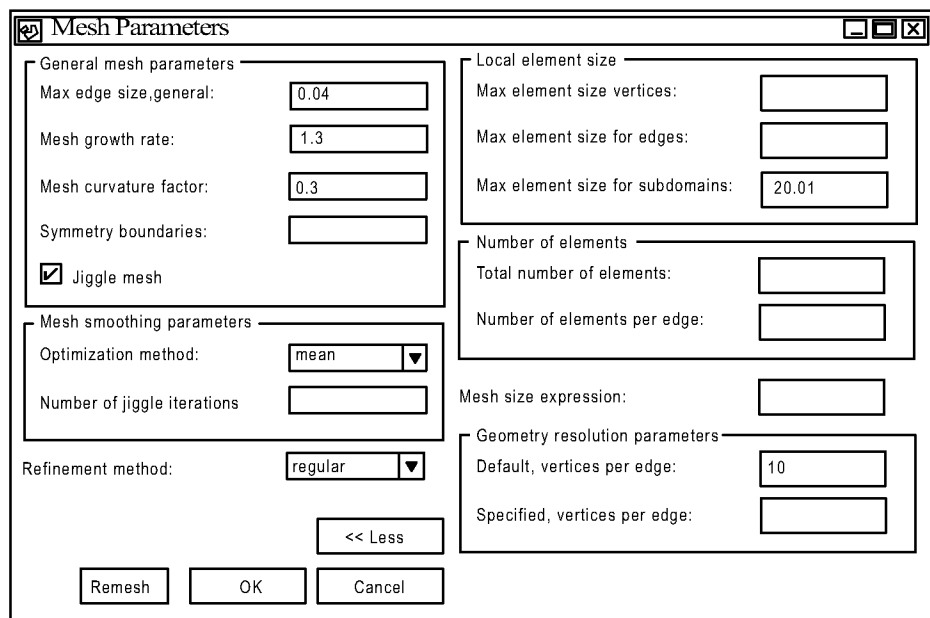


FIG. 90

11/14

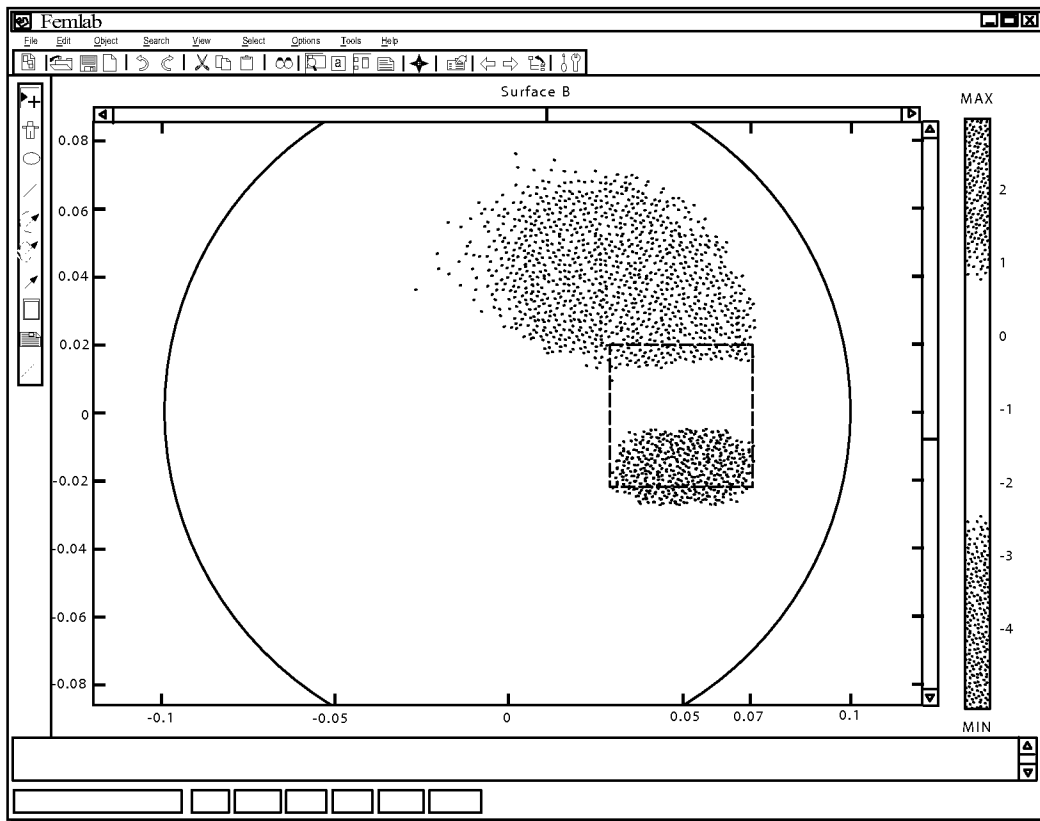
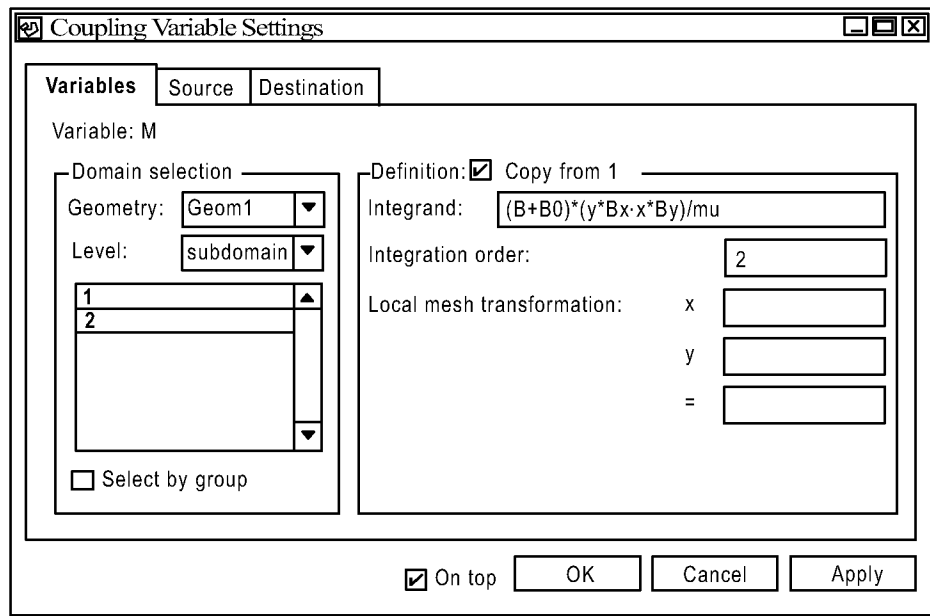


FIG. 91

The figure shows a "Coupling Variable Settings" dialog box. It has three tabs: "Variables", "Source", and "Destination". The "Variables" tab is selected. Inside the dialog, there is a table with the following columns: "Name:", "Type:", and "Defined from -> Available in:". The table contains one row with the following data: "M", "scalar", and "Geom1:sub 1.2 ->Geom 2 : sub 1". Below the table, there are two input fields: "Variable type" with a dropdown menu showing "M", and "Variable name" with a dropdown menu showing "Scalar". To the right of these fields are two buttons: "Add" and "Delete". At the bottom of the dialog, there is a checkbox labeled "On top" which is checked, and three buttons: "OK", "Cancel", and "Apply".

FIG. 92

12/14



Coupling Variable Settings

Variables | Source | Destination

Variable: M

Domain selection

Geometry: **Geom1**

Level: **subdomain**

1
2

☐ Select by group

Definition: ☒ Copy from 1

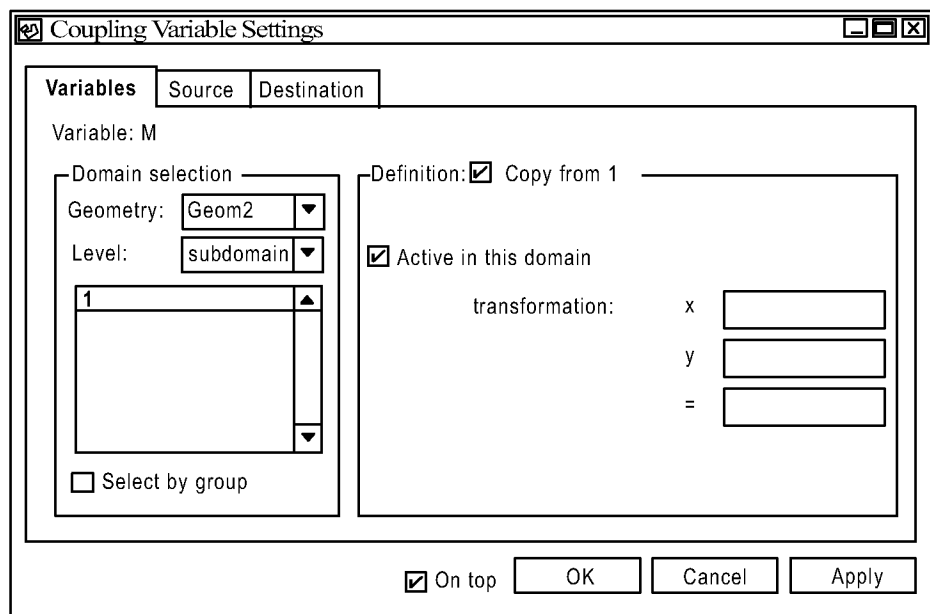
Integrand: $(B+B0)*(y*Bx \cdot x*By)/\mu$

Integration order: **2**

Local mesh transformation: x
y
=

☒ On top OK Cancel Apply

FIG. 93



Coupling Variable Settings

Variables | Source | Destination

Variable: M

Domain selection

Geometry: **Geom2**

Level: **subdomain**

1

☐ Select by group

Definition: ☒ Copy from 1

☒ Active in this domain

transformation: x
y
=

☒ On top OK Cancel Apply

FIG. 94

13/14

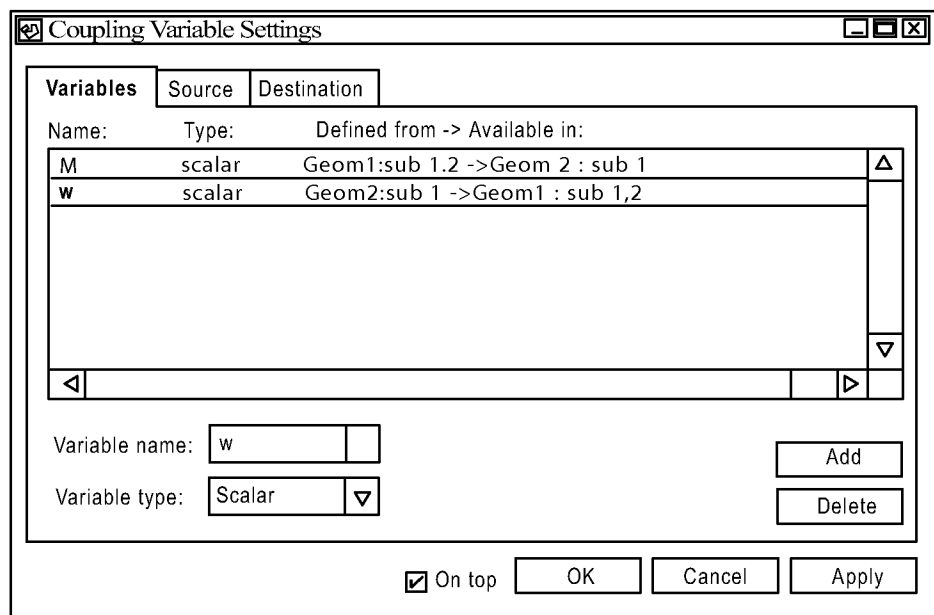


FIG. 95

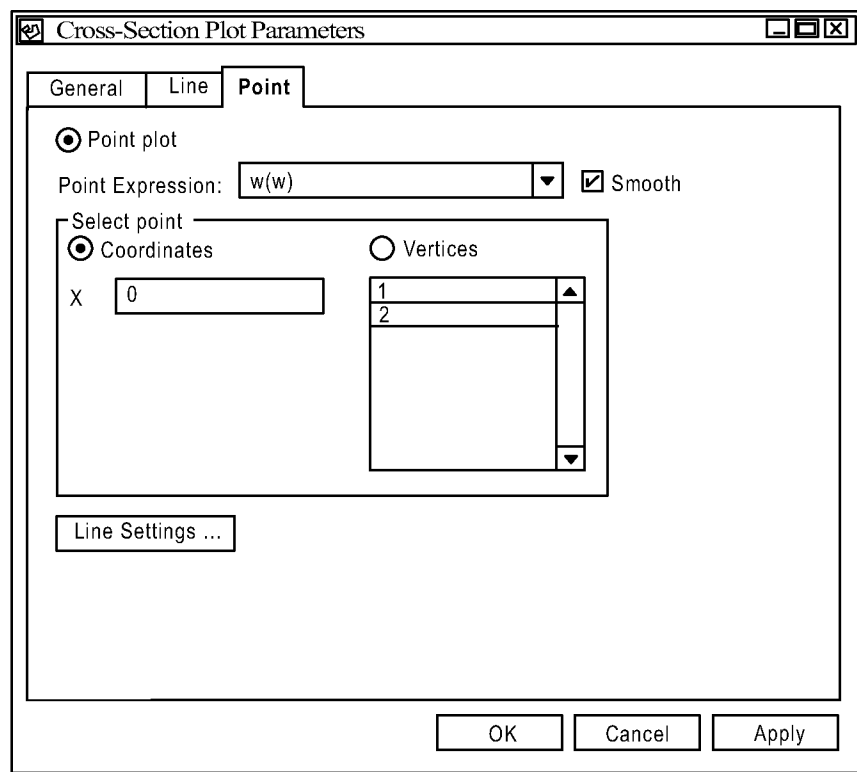


FIG. 96

14/14

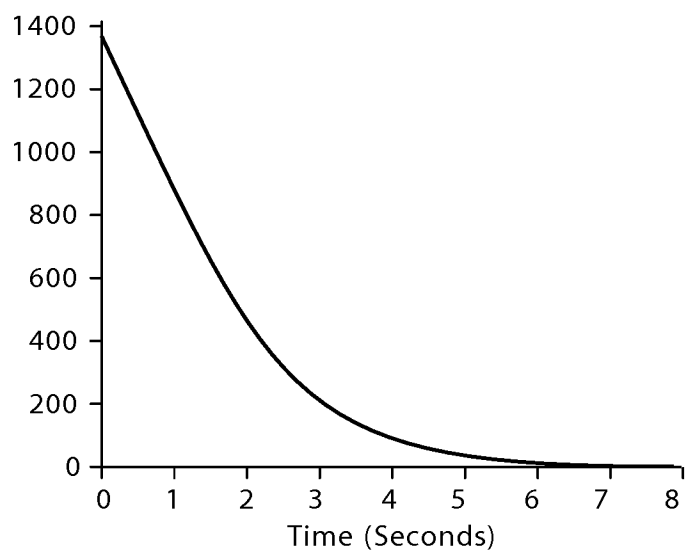


FIG. 97A

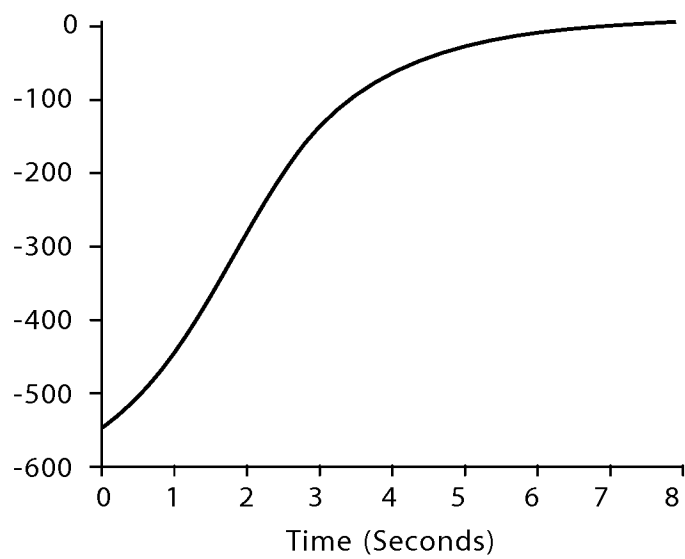


FIG. 97B